

## ECS Configuration Change Request

Page 1 of 1 Pages

CCR No. 98-0310	Logged Date <u>3/12/98</u>	Rev. —	Request Type CCR
Priority Routine <input type="checkbox"/> Urgent <input checked="" type="checkbox"/> Emergency <input type="checkbox"/>	Affected Release 2.0		Change Class II
Title (description) Apply IRIX patches to the SGI Science Processors to support compiler upgrade			
Documents Affected <u>911-TDA-004</u> <u>005</u> <u>006</u>		Source Nos (RID, NCR, Action Item, GSFC CCR, etc.) or Tech Reference CCR 97-1703A	
RTM Change <input type="checkbox"/>		Start New <input type="checkbox"/> Baseline	
<b>Problem</b> Some of the Instrument Teams (IT) have already been developing PGEs using SGI v7.2 compilers while the ECS Baseline is still v7.1. ECS has decided (CCR 97-1703A) to upgrade the Science Processors to V7.2. In order to do this, the SGI Science Processors need to have selected patches applied to their operating systems.			
<b>Proposed Solution</b> In conjunction with CCR 97-1703A, apply the following 7 patches to the SGI Science Processors in the mini-DAAC (lasher) and the VATC (tlspg01): 2052 - Explain command for IRIX 6.2-6.4 2360 - Graphic Library subsystems for 7.2 compilers on IRIX 6.2 2419 - MIPSpro 7.2 Fortran90 Front-End#1 2422 - libmp rollup 2483 - 7.2 compiler runtime environment for IRIX 6.2 2500 - O32 code generator fixes for MIPSpro 7.2 2687 - MIPSpro 7.2 Compiler Back-end # 2			
<b>Impact Analysis:</b>			
Organizations Affected:	BOO <input type="checkbox"/>	Contracts <input type="checkbox"/>	ECS Chief Eng <input type="checkbox"/>
Procurement <input type="checkbox"/>	OO <input type="checkbox"/>	Rel. Dev <input checked="" type="checkbox"/>	Rel. A <input type="checkbox"/>
Science Off <input checked="" type="checkbox"/>	Security <input type="checkbox"/>	Subcontract <input type="checkbox"/>	Sys. Eng <input checked="" type="checkbox"/>
			FOS <input type="checkbox"/>
			Rel. C <input type="checkbox"/>
			Sys Verf <input type="checkbox"/>
			Acpt <input type="checkbox"/>
Cost:	None <input checked="" type="checkbox"/>	Small <input type="checkbox"/>	Medium <input type="checkbox"/>
		(Not exceeding \$100,000)	(\$100,000 to \$500,000)
			Large <input type="checkbox"/>
			(Over \$500,000)
Schedule:	None <input checked="" type="checkbox"/>	Other	
Additional LOC	Man-Months		
Materials			
Originator <u>Mac McDonald</u>	<u>Mac McDonald</u> Signature	<u>3/12/98</u> Date	
Office <u>SED</u>	Office Manager <u>TW Fisher</u> Signature	<u>3/12/98</u> Date	
<b>Disposition</b>	Approved <input checked="" type="checkbox"/>	Approved w/Comment <input type="checkbox"/>	Forward <input type="checkbox"/>
Comments:	Disapproved <input type="checkbox"/>		
CCB Chairperson <u>TW Fisher</u> Signature			
<u>3/13/98</u> Date			